APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Insert before the first line, the sentence:

This is a divisional of Application No. 09/375,559 filed August 17, 1999; the disclosure

of which is incorporated herein by reference.

Paragraph bridging pages 13 and 14:

An operation of the first embodiment will be explained next. Figure 2 3 is a flow chart

showing processing carried out by the data transfer system according to the first embodiment. At

step S1, an instruction to request transfer of the image data S0 and the name of the terminal user

are input from the image reading terminal system 3 or the reference terminal system 4. The

terminal system 3 or 4 transfers transfer information of the image data S0 and information

regarding the name of the user of the terminal system 3 or 4 to the image server 2 via the

network 6 or 7 respectively (step S2). Having received the information, the image server 2 refers

to a name list registered in a database of the image server, based on the information regarding the

user name (step S3), and judges whether or not the user is a radiologist to use the image reading

terminal system 3 (step S4). If the user is a radiologist, the image server specifies data at a

highest level, that is, reversibly compressed data at a highest resolution and having a highest bit